

AMENDMENTS TO THE SPECIFICATION:

Please replace the paragraph beginning at page 2, line 29, with the following rewritten paragraph:

--An object of the present invention is thus to provide a device for measuring the ~~volume~~ density and/or the specific gravity of a liquid whose design permits continuous measurement of the product and not of a removed specimen, this device being free from a deformable enclosure whose deformation would be connected to the presence of a membrane so as on the one hand to increase the precision of reading of the measurement, and on the other hand to reduce the risks of premature wear.--

Please replace the paragraph beginning at page 5, line 5, with the following rewritten paragraph:

--The measuring device according to the invention permits, as mentioned above, the measurement of the density and/or the specific gravity of a liquid. This device comprises an enclosure 1 impervious to the liquid to be measured. In the illustrated embodiment, this enclosure has the form of a body of generally cylindrical appearance, preferably weighted with at least one weight 8, the weight having a function of permitting the enclosure to occupy a balanced position about the axis of the cylindrical body in the immersed condition of the device. This enclosure 1 is constituted by a rigid indeformable envelope which is preferably made of a material determined by the regulations in force in the agrifood industry. The enclosure can thus be made

with PVC, stainless steel or the like. This enclosure, which thus constitutes a monobloc assembly, encloses at least one body 3, a so-called reference body, held suspended in said enclosure 1 in a totally immersed condition of this latter by means of at least one suspension member 4 projecting through at least one opening 5 closed in a sealed manner, of said enclosure 1. In the illustrated embodiments, at least one of the suspension members 4 is constituted by a tubular element for the passage of the wires necessary for the electronics of a force detector 2 also disposed within the enclosure 1. This suspension member 4 comprises preferably adjacent its connection with the reference body 3, a rigid portion. In its portion outside the device, near its securement region, this suspension member 4 extends substantially along the axis of the cylindrical enclosure 1 such that the suspension axis coincides with the longitudinal axis of the cylinder. The suspension member 4 is generally fixed by its upper portion external to the device, to the wall of a vat enclosing the liquid to be analyzed. The securement should take place such that the device will be completely immersed, that it will rest on the bottom of the vat, and that it will not be hindered in its movements by touching for example a wall.--